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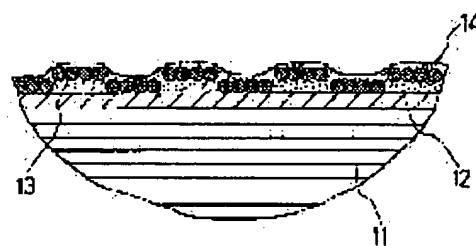
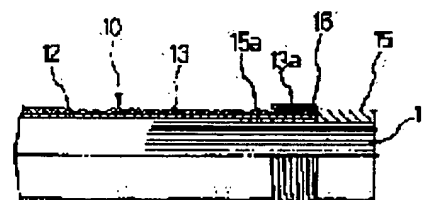
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## (54) OPTICAL FIBER BUNDLE ASSEMBLY OF ENDOSCOPE

## (57)Abstract:

PURPOSE: To sufficiently protect optical fibers against disconnection even if the thickness of the protective member for protecting an optical fiber bundle, such as image guide, is reduced in the position of an angle part in the insertion part of an endoscope.

CONSTITUTION: A thin-film tube 12 is put on an image guide body 11 of the optical fiber bundle assembly 10 and further, a net 13 is put on the outside of this thin-film tube 12. The thin-film tube 12 has the function to hold the image guide body 11 in a bundled state and to isolate the image guide body 11 to prevent its direct contact with a net 13. The net 13 to be put thereon is formed by braiding fine metallic wires having a spring characteristic. The net 13 is coated with an adhesive 14 having flexibility and exhibits the buffer effect to prevent the direct exertion of external force on the image guide body 11 as the force tending to resist compressive force is generated by the spring property of the net 13 when the external force is applied thereon. The disconnection of the optical fibers constituting the image guide body 11 is thus surely prevented.



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